

Title (en)

CHILDPROOF BOX

Title (de)

KINDERSICHERER KASTEN

Title (fr)

BOÎTE DE TYPE SÉCURITÉ-ENFANTS

Publication

EP 4328145 A1 20240228 (EN)

Application

EP 22192087 A 20220825

Priority

EP 22192087 A 20220825

Abstract (en)

The childproof box (54) is erectable from a single cardboard or corrugated board blank (10) and comprises a bottom wall (18), a polygonal side wall including a back face (20), two facing side faces and a front face (16), and a lid (55) hinged on a top edge (60) of the back face (20), which delimit an inner cavity (56). The lid (55) has a top panel (22) parallel to said bottom wall (18) and a front flap (24) and two opposite side flaps (28), which flaps (24, 28) are orthogonal to the top panel (22). The front face (16) has two trigger tabs (32), each of which is cut in a respective lateral portion of the front face (16) and hinged thereto. Each side flap (28) has a protruding locking wing (38) at least partially attached to a respective corner distal portion (50) of an external surface of the front flap (24). The front (24) and side (28) flaps are within the internal cavity (56) and contiguous to the front face (16) and side faces, respectively, and each trigger tab (32) is contiguous to the respective locking wing (38) in a closure configuration of the box (54).

IPC 8 full level

B65D 5/66 (2006.01)

CPC (source: EP)

B65D 5/6667 (2013.01); **B65D 2215/02** (2013.01)

Citation (search report)

- [A] EP 3795487 A1 20210324 - PHILIP MORRIS PRODUCTS SA [CH]
- [A] EP 3587293 A1 20200101 - VAN GENECHTEN PACKAGING N V [BE]
- [A] EP 2808265 A1 20141203 - GENECHTEN PACKAGING N V VAN [BE]
- [A] US 2067022 A 19370105 - RUECKERT DEAN E

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

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